Author index to volume 240

Aisa, M.C. see G. Fanò 240 (1988) 177
Akiba, I. see H. Bujo 240 (1988) 95
Allakhverdiev, S.I. see S.V. Mal'tsev 240 (1988) 1
Anderson, W.B. see Z. Kiss 240 (1988) 221
Ando, Y., M. Inoue, T. Utsumi, Y. Morino and S. Araki, Synthesis of acylated SOD derivatives which bind to the biomembrane lipid surface and dismutate extracellular superoxide radicals 240 (1988) 216
Araki, S. see Y. Ando 240 (1988) 216
Arrio-Dupont, M., An example of substrate channeling between co-immobilized enzymes: Coupled activity of myosin ATPase and creatine kinase bound to frog heart myofilaments 240 (1988) 181
Asada, K. see M. Takahashi 240 (1988) 6
Atabekov, J.G. see K.G. Skryabin 240 (1988) 33

Barber, J. see K. Gounaris 240 (1988) 143
Becker, C.-M. see B. Wiedenmann 240 (1988) 71
Bernarding, J. see H.-J. Eckert 240 (1988) 153
Betz, H. see R.R. Schmidt 240 (1988) 65
Betzel, C. see C. Lippmann 240 (1988) 139
Birdsall, B. see S.J.B. Tendler 240 (1988) 201
Bolund, L. see T.A. Kruse 240 (1988) 123
Bradley, R.D. see D.G. Scraba 240 (1988) 133
Bujo, H., J. Nakai, T. Kubo, K. Fukuda, I. Akiba, A. Maeda, M. Mishina and S. Numa, Different sensitivities to agonist of muscarinic acetylcholine receptor subtypes 240 (1988) 95

Calissano, P. see G. Fanò 240 (1988) 177
Chapman, D.J. see K. Gounaris 240 (1988) 143
Chernov, B.K. see K.G. Skryabin 240 (1988) 33

Dauter, Z. see C. Lippmann 240 (1988) 139
De Kok, A. see R. Hanemaaijer 240 (1988) 205
Dekker, H.L. see A.B.P. Van Kuilenburg 240 (1988) 127
Della Torre, G. see G. Fanò 240 (1988) 177
Demol, H. see A.B.P. Van Kuilenburg 240 (1988) 127
Dempsey, C. see M. Sami 240 (1988) 211
Donato, R. see G. Fanò 240 (1988) 177

Eckert, H.-J., N. Wiese, J. Bernarding, H.-J. Eichler and G. Renger, Analysis of the electron transfer from $Pheo^-$ to Q_A in PS II membrane fragments from spinach by time resolved 325 nm absorption changes in the picosecond domain 240 (1988) 153
Eichler, H.-J. see H.-J. Eckert 240 (1988) 153
Erdmann, V.A. see C. Lippmann 240 (1988) 139

Fanò, G., S. Fulle, G. Della Torre, I. Giambanco, M.C. Aisa, R. Donato and P. Calissano, S-100b protein regulates the activity of skeletal muscle adenylate cyclase in vitro 240 (1988) 177

Feeney, J. see S.J.B. Tendler 240 (1988) 201
Fitzgerald, P.M.D. see D.G. Scraba 240 (1988) 133
Fleming, N. see A. Laniyonu 240 (1988) 186
Flögel, R., P. Zielenkiewicz and W. Saenger, The tertiary structure of *Aspergillus saitoi* minor ribonuclease (Ms) predicted from the structure of RNase T_1 240 (1988) 29
Fukuda, K. see E. Neher 240 (1988) 88
Fukuda, K. see H. Bujo 240 (1988) 95
Fulle, S. see G. Fanò 240 (1988) 177

Gasyna, Z. see M.J. Stillman 240 (1988) 159
Giambanco, I. see G. Fanò 240 (1988) 177
Golbeck, J.H., T. Mehari, K. Parrett and I. Ikegami, Reconstitution of the photosystem I complex from the P700 and F_X-containing reaction center core protein and the F_A/F_B polypeptide 240 (1988) 9
Goligorsky, M.S., Mechanical stimulation induces Ca_i^{2+} transients and membrane depolarization in cultured endothelial cells: Effects on Ca_i^{2+} in co-perfused smooth muscle cells 240 (1988) 59
Gounaris, K., D.J. Chapman and J. Barber, Reconstitution of plastoquinone in the D1/D2/cytochrome *b*-559 photosystem II reaction centre complex 240 (1988) 143
Griffin, R.J. see S.J.B. Tendler 240 (1988) 201
Grzeschik, K.-H. see T.A. Kruse 240 (1988) 123
Gustafsson, P. see A. Lönneborg 240 (1988) 110

Hanemaaijer, R., J. Vervoort, A.H. Westphal, A. de Kok and C. Veeger, Mobile sequences in the pyruvate dehydrogenase complex, the E_2 component, the catalytic domain and the 2-oxoglutarate dehydrogenase complex of *Azotobacter vinelandii*, as detected by 600 MHz ^{1}H-NMR spectroscopy 240 (1988) 205
Hansen, H.S. see H. Linnebjerg 240 (1988) 167
Hatakeyama, T. see M. Kimura 240 (1988) 15
Hatakeyama, T. see T. Hatakeyama 240 (1988) 21
Hatakeyama, T., T. Hatakeyama and M. Kimura, The primary structures of ribosomal proteins L16, L23 and L33 from the archaebacterium *Halobacterium marismortui* 240 (1988) 21
Hattori, H. see J.N. Kanfer 240 (1988) 101
Hayashi, K. see K. Kobayashi 240 (1988) 55
Ho, L. see T.J. Thekkumkara 240 (1988) 45

Ihara, K. and Y. Mukohata, Proteoliposomes with right-side-out oriented purple membrane/bacteriorhodopsin require cations inside for proton pumping 240 (1988) 148
Ikegami, I. see J.H. Golbeck 240 (1988) 9
Inoue, M. see Y. Ando 240 (1988) 216

Jensen, B. see H. Linnebjerg 240 (1988) 167

Published by Elsevier Science Publishers B.V. (Biomedical Division)
00145793/88/$3.50 © 1988 Federation of European Biochemical Societies

Jergil, B. see G.A. Lundberg 240 (1988) 171

Kalla, S.R. see A. Lönneborg 240 (1988) 110
Kanfer, J.N., D. McCartney and H. Hattori, Regulation of the choline, ethanolamine and serine base exchange enzyme activities of rat brain microsomes by phosphorylation and dephosphorylation 240 (1988) 101
Kimura, J. see M. Kimura 240 (1988) 15
Kimura, M., J. Kimura and T. Hatakeyama, Amino acid sequences of ribosomal proteins S11 from *Bacillus stearothermophilus* and S19 from *Halobacterium marismortui*: Comparison of the ribosomal protein S11 family 240 (1988) 15
Kimura, M. see T. Hatakeyama 240 (1988) 21
Kiss, Z., U.R. Rapp and W.B. Anderson, Phorbol ester stimulates the synthesis of sphingomyelin in NIH 3T3 cells: A diminished response in cells transformed with human A-*raf* carrying retrovirus 240 (1988) 221
Klimov, V.V. see S.V. Mal'tsev 240 (1988) 1
Knierim, M. see B. Wiedenmann 240 (1988) 71
Kobayashi, K., Y. Sogame, K. Hayashi, P. Nicotera and S. Orrenius, ATP stimulates the uptake of *S*-dinitrophenylglutathione by rat liver plasma membrane vesicles 240 (1988) 55
Kössel, H. see M. Ruf 240 (1988) 41
Kousvelari, E.E. see C.-K. Yeh 240 (1988) 118
Kraev, A.S. see K.G. Skryabin 240 (1988) 33
Krasnovsky, A.A. see S.V. Mal'tsev 240 (1988) 1
Kruse, T.A., L. Bolund, K.-H. Grzeschik, H.H. Ropers, H. Sjöström, O. Norén, N. Mantei and G. Semenza, The human lactase-phlorizin hydrolase gene is located on chromosome 2 240 (1988) 123
Kubo, T. see E. Neher 240 (1988) 88
Kubo, T. see H. Bujo 240 (1988) 95
Kurosawa, Y. see T. Naoe 240 (1988) 49

Laniyonu, A., E. Sliwinski-Lis and N. Fleming, Different tachykinin receptor subtypes are coupled to the phosphoinositide or cyclic AMP signal transduction pathways in rat submandibular cells 240 (1988) 186
Linnebjerg, H., H.S. Hansen and B. Jensen, Inhibition by amiloride and by Na^+-depletion of A23187-stimulated arachidonic acid and histamine release from rat mast cells 240 (1988) 167
Lippmann, C., C. Betzel, Z. Dauter, K. Wilson and V.A. Erdmann, Crystallization and preliminary X-ray diffraction studies of intact EF-Tu from *Thermus aquaticus* YT-1 240 (1988) 139
Liu, T.-C. see T.J. Thekkumkara 240 (1988) 45
Lönneborg, A., S.R. Kalla, G. Samuelsson, P. Gustafsson and G. Öquist, Light-regulated expression of the *psbA* transcript in the cyanobacterium *Anacystis nidulans* 240 (1988) 110
Louis, J.M. see C.-K. Yeh 240 (1988) 118
Lukasheva, L.I. see K.G. Skryabin 240 (1988) 33
Lundberg, G.A. and B. Jergil, Generation of phosphatidylinositol 4,5-bisphosphate proceeds through an intracellular route in rat hepatocytes 240 (1988) 171
Lupu-Meiri, M., H. Shapira and Y. Oron, Hemispheric asymmetry of rapid chloride responses to inositol trisphosphate and calcium in *Xenopus* oocytes 240 (1988) 83

Madsen, N.B. see D.G. Scraba 240 (1988) 133
Maeda, A. see H. Bujo 240 (1988) 95
Mal'tsev, S.V., S.I. Allakhverdiev, V.V. Klimov and A.A. Krasnovsky, Hydrogen evolution by subchloroplast preparations of photosystem II from pea and spinach 240 (1988) 1
Mammi, M. see G. Scapin 240 (1988) 196
Mantei, N. see T.A. Kruse 240 (1988) 123
Marty, A. see E. Neher 240 (1988) 88
Matsuo, K. see R. Yamaguchi 240 (1988) 115
McCartney, D. see J.N. Kanfer 240 (1988) 101
Mehari, T. see J.H. Golbeck 240 (1988) 9
Mishina, M. see H. Bujo 240 (1988) 95
Monaco, H.L. see G. Scapin 240 (1988) 196
Morino, Y. see Y. Ando 240 (1988) 216
Morozov, S.Yu. see K.G. Skryabin 240 (1988) 33
Mukohata, Y. see K. Ihara 240 (1988) 148
Muijsers, A.O. see A.B.P. Van Kuilenburg 240 (1988) 127

Nagai, S. see R. Yamaguchi 240 (1988) 115
Nakai, J. see H. Bujo 240 (1988) 95
Naoe, T., H. Shiku, K. Yamada, T. Okazaki and Y. Kurosawa, Production of a truncated human c-*myc* protein which binds to DNA 240 (1988) 49
Neher, E., A. Marty, K. Fukuda, T. Kubo and S. Numa, Intracellular calcium release mediated by two muscarinic receptor subtypes 240 (1988) 88
Nichols, R.A.B. see D.A. Spandidos 240 (1988) 191
Nicotera, P. see K. Kobayashi 240 (1988) 55
Norén, O. see T.A. Kruse 240 (1988) 123
Numa, S. see E. Neher 240 (1988) 88
Numa, S. see H. Bujo 240 (1988) 95

O'Flaherty, J.T. see A.G. Rossi 240 (1988) 163
Okazaki, T. see T. Naoe 240 (1988) 49
Öquist, G. see A. Lönneborg 240 (1988) 110
Op de Kamp, J.A.F. see J.A. Post 240 (1988) 78
Oron, Y. see M. Lupu-Meiri 240 (1988) 83
Orrenius, S. see K. Kobayashi 240 (1988) 55

Parrett, K. see J.H. Golbeck 240 (1988) 9
Patel, M.S. see T.J. Thekkumkara 240 (1988) 45
Pengo, L. see G. Scapin 240 (1988) 196
Petronilli, V. see M. Zoratti 240 (1988) 105
Pintzas, A. see D.A. Spandidos 240 (1988) 191
Pons, G. see T.J. Thekkumkara 240 (1988) 45
Post, J.A., A.J. Verkleij, B. Roelofsen and J.A.F. Op de Kamp, Plasmalogen content and distribution in the sarcolemma of cultured neonatal rat myocytes 240 (1988) 78

Rapp, U.R. see Z. Kiss 240 (1988) 221

Rehm, H. see B. Wiedenmann 240 (1988) 71
Renger, G. see H.-J. Eckert 240 (1988) 153
Roberts, G.C.K. see S.J.B. Tendler 240 (1988) 201
Roelofsen, B. see J.A. Post 240 (1988) 78
Ropers, H.H. see T.A. Kruse 240 (1988) 123
Rossi, A.G., M.J. Thomas and J.T. O'Flaherty, Stereospecific bioactions of 5-hydroxyicosatetraenoate 240 (1988) 163
Rozanov, M.N. see K.G. Skryabin 240 (1988) 33
Ruf, M. and H. Kössel, Occurrence and spacing of ribosome recognition sites in mRNAs of chloroplasts from higher plants 240 (1988) 41

Saenger, W. see R. Flögel 240 (1988) 29
Sami, M. and C. Dempsey, Hydrogen exchange from the transbilayer hydrophobic peptide of glycophorin reconstituted in lipid bilayers 240 (1988) 211
Samuelsson, G. see A. Lönneborg 240 (1988) 110
Scapin, G., P. Spadon, L. Pengo, M. Mammi, G. Zanotti and H.L. Monaco, Chicken liver basic fatty acid-binding protein (p*I* = 9.0): Purification, crystallization and preliminary X-ray data 240 (1988) 196
Schmidt, R.R. and H. Betz, The *β*-bungarotoxin-binding protein from chick brain: binding sites for different neuronal K^+ channel ligands co-fractionate upon partial purification 240 (1988) 65
Scraba, D.G., R.D. Bradley, P.M.D. Fitzgerald and N.B. Madsen, Electron microscopy of glycogen degrading enzymes 240 (1988) 133
Semenza, G. see T.A. Kruse 240 (1988) 123
Shapira, H. see M. Lupu-Meiri 240 (1988) 83
Shiku, H. see T. Naoe 240 (1988) 49
Shiraishi, T. see M. Takahashi 240 (1988) 6
Sjöström, H. see T.A. Kruse 240 (1988) 123
Skryabin, K.G., S.Yu. Morozov, A.S. Kraev, M.N. Rozanov, B.K. Chernov, L.I. Lukasheva and J.G. Atabekov, Conserved and variable elements in RNA genomes of potexviruses 240 (1988) 33
Sliwinski-Lis, E. see A. Laniyonu 240 (1988) 186
Sogame, Y. see K. Kobayashi 240 (1988) 55
Spadon, P. see G. Scapin 240 (1988) 196
Spandidos, D.A., R.A.B. Nichols, N.M. Wilkie and A. Pintzas, Phorbol ester-responsive H-*ras*1 gene promoter contains multiple TPA-inducible/AP-1-binding consensus sequence elements 240 (1988) 191
Stevens, M.F.G. see S.J.B. Tendler 240 (1988) 201
Stillman, M.J., A.J. Zelazowski and Z. Gasyna, Luminescent Ag_{12}-metallothionein: dependence of emission intensity on silver-thiolate cluster formation 240 (1988) 159

Takahashi, M., T. Shiraishi and K. Asada, COOH-terminal residues of D1 and the 44 kDa CPa-2 at spinach photosystem II core complex 240 (1988) 6
Tendler, S.J.B., R.J. Griffin, B. Birdsall, M.F.G. Stevens, G.C.K. Roberts and J. Feeney, Direct ^{19}F NMR observation of the conformational selection of optically active rotamers of the antifolate compound fluoronitropyrimethamine bound to the enzyme dihydrofolate reductase 240 (1988) 201
Terasaka, K. see R. Yamaguchi 240 (1988) 115
Thekkumkara, T.J., L. Ho, I.D. Wexler, G. Pons, T.-C. Liu and M.S. Patel, Nucleotide sequence of a cDNA for the dihydrolipoamide acetyltransferase component of human pyruvate dehydrogenase complex 240 (1988) 45
Thomas, M.J. see A.G. Rossi 240 (1988) 163

Utsumi, T. see Yu. Ando 240 (1988) 216

Van Beeumen, J.J. see A.B.P. Van Kuilenburg 240 (1988) 127
Van Kuilenburg, A.B.P., A.O. Muijsers, H. Demol, H.L. Dekker and J.J. Van Beeumen, Human heart cytochrome *c* oxidase subunit VIII: Purification and determination of the complete amino acid sequence 240 (1988) 127
Veeger, C. see R. Hanemaaijer 240 (1988) 205
Verkleij, A.J. see J.A. Post 240 (1988) 78
Vervoort, J. see R. Hanemaaijer 240 (1988) 205

Westphal, A.H. see R. Hanemaaijer 240 (1988) 205
Wexler, I.D. see T.J. Thekkumkara 240 (1988) 45
Wiedenmann, B., H. Rehm, M. Knierim and C.-M. Becker, Fractionation of synaptophysin-containing vesicles from rat brain and cultured PC12 pheochromocytoma cells 240 (1988) 71
Wiese, N. see H.-J. Eckert 240 (1988) 153
Wilkie, N.M. see D.A. Spandidos 240 (1988) 191
Wilson, K. see C. Lippmann 240 (1988) 139

Yamada, K. see T. Naoe 240 (1988) 49
Yamada, T. see R. Yamaguchi 240 (1988) 115
Yamaguchi, R., K. Matsuo, A. Yamazaki, S. Nagai, K. Terasaka and T. Yamada, Immunogenic protein MPB57 from *Mycobacterium bovis* BCG: molecular cloning, nucleotide sequence and expression 240 (1988) 115
Yamazaki, A. see R. Yamaguchi 240 (1988) 115
Yeh, C.-K., J.M. Louis and E.E. Kousvelari, *β*-Adrenergic regulation of c-fos gene expression in an epithelial cell line 240 (1988) 118

Zanotti, G. see G. Scapin 240 (1988) 196
Zelazowski, A.J. see M.J. Stillman 240 (1988) 159
Zielenkiewicz, P. see R. Flögel 240 (1988) 29
Zoratti, M. and V. Petronilli, Ion-conducting channels in a Gram-positive bacterium 240 (1988) 105